AMENDMENTS TO THE SPECIFICATION:

Please amend the heading beginning at page 1, line 9, as follows:

BACKGROUND ~~OF THE INVENTION~~

Please amend the paragraph beginning at page 2, line 12, as follows:

~~Terminal~~ A user terminal ~~oriented solution~~ uses a ~~packet~~ packet-switched IP session to send a capability query message from the initiating terminal to the other terminal. The packet switched IP session uses radio resources. This means that a query has to be initiated in the beginning of every phone call to determine if one of the two terminals supports SMM. The probability that both terminals ~~will~~ support SMM will however be very low for many years. Therefore, a lot of radio traffic over the capacity limited radio interface will be generated unnecessarily.

Please amend the paragraph beginning at page 2, line 20, as follows:

Thus, one object ~~of the present invention~~ is to provide a method and a system for Multimedia Capability discovery that avoids unnecessary use of the radio interface and resource.

Please amend the paragraph beginning at page 2, line 23, as follows:

Yet another object is to provide a solution to the problem to discover if a called User terminal ~~is supporting~~ supports Shared Multimedia service if the service is based on other technologies than IP multimedia subsystem (3GPP IMS), for example MMS technology.

Please delete the paragraph beginning at page 2, line 29, which starts with:

The above-mentioned objects...

Please amend the paragraph beginning at page 2, line 33, as follows:

~~This solution avoid~~ The technology described below avoids unnecessary use of the radio interface and is based on a network storage, which is accessible without registration to find out about the calling as well as the called user's multimedia capabilities during a voice call. If there is a positive capability discovery result out of this for both users, the system will send a message to each of the two user terminals that they should notify the users e.g. by displaying an icon above a soft button. It can be that the terminal displays a shared multimedia-Image icon, if this was the only commonly supported capability of both users, up to a whole range of more or less complicated SMM services. ~~According to the invented method~~ Accordingly, there ~~will be~~ is no need for establishing a packet switched session, which ~~use~~ uses a lot of radio interface signalling, until the Multimedia Service capability (MMCap) of both subscribers and their user terminals ~~are~~ is investigated and responded to both user terminals and their users.

Please amend the paragraph beginning at page 3, line 12, as follows:

~~In more detail, the invention comprises~~ Consider the following steps and means for supporting and performing the steps of:

Please amend the paragraph beginning at page 3, line 23, as follows:

The packet switched session is not established until said steps are performed.

Please delete the paragraph beginning a page 3, line 26, which starts with:

Preferred embodiments are...

Please amend the paragraph beginning at page 3, line 28, as follows:

One advantage is ~~that the present invention offers~~ Multimedia Capability discovery that avoids unnecessary use of the radio interface and ~~resource~~ radio resources.

Please amend the paragraph beginning at page 3, line 31, as follows:

~~Further one~~ A further advantage ~~with the present invention~~ is that the end-user gets clear information whether or not a shared multimedia application can be utilized in a mobile-to-mobile voice call or not.

Please amend the paragraph beginning at page 4, line 1, as follows:

Yet another advantage is ~~that the invention provide a technique for requesting~~ the ability to request another User terminal if it ~~is supporting~~ supports Share Multimedia service based on MMS technology.

Please delete the paragraph beginning at page 4, line 6, which starts with:

The invention will in...

Please amend the paragraph beginning at page 4, line 9, as follows:

Figure 1 is a schematic block diagram illustrating ~~the~~ a system ~~in which the method~~ for Multimedia Capability Discovery ~~according to the present invention is used~~.

Please amend the paragraph beginning at page 4, line 12, as follows:

Figure 2 is block diagram schematically illustrating a preferred example embodiment of ~~the especially interesting~~ parts in figure 1 during the interval from the trigger generation to the analysis of the TCdb response of the process for discovering the Multimedia capability.

Please amend the paragraph beginning at page 4, line 17, as follows:

Figure 3 a block diagram schematically illustrating a preferred example embodiment of ~~the especially interesting~~ parts in figure 1 for sending of the matching multimedia response to the two user terminals.

Please amend the paragraph beginning at page 4, line 21, as follows:

Figure 5 is a flow chart illustrating a preferred example embodiment ~~of the invented method~~.

Figure 6 is block diagram schematically illustrating another example embodiment of the system in figure 2.

Please amend the heading beginning at page 4, line 28, as follows:

DETAILED DESCRIPTION ~~OF PREFERRED EMBODIMENTS~~

Please amend the paragraph beginning at page 4, line 29, as follows:

Figure 1 is a schematic block diagram illustrating an embodiment of the system 10 ~~in which the method~~ for Multimedia Capability Discovery ~~according to the present invention is used~~. Subsystems of the system 10 will be discussed in more detail in connection to the following figures 2 and 3.

Please amend the paragraph beginning at page 5, line 7, as follows:

Two users will not be able to use the SMM service, if ~~not~~ both the user terminals 12, 13 do not support the SMM service. A SMM session therefore starts with an investigation of the calling party's and the called party's SMM capability. According to ~~an~~ a preferred example embodiment ~~of this invention~~, the system 10 is provided with a network storage 18 comprising a Terminal Capability database TCdb. It is not important where the TCdb 18 is located~~[[,]]~~; it can for example be located in either the Circuit switched network CS or the Packet Switched network PS. ~~Said~~ The database TCdb 18 may be provided by one or several mobile radio communication operators or other operators providing communication services to subscribers. The network storage 18 may be any storage medium being readable, writable, operated and handled by a server or other computer device. The database TCdb stores information regarding which Multimedia services that are available for a user or subscriber and the subscriber's user terminal 12, 13. The information in the TCdb 18 may be inserted and updated in different ways. Information about a user terminal 12, 13 capability may be inserted by the network operator. Alternatively, the information, i.e. IMEI (International Mobile station Equipment Identity) can

be extracted from PDP context activation procedure to a packet switched network 20 and be used for deducing user terminal capability. Another alternative is to use the UAProf (User Agent Profile) information from a packet switched session, at some point in time, to update the TCdb.

Please amend the paragraph beginning at page 5, line 28, as follows:

The Terminal database TCdb is provided with means for handling, sorting, reading and updating said database information. ~~According to the present invention,~~ TCdb is provided with means for receiving Capability queries, means for reading the stored database information by using subscriber IDs e.g. the E.164 numbers, and means for sending a Capability result for each E.164 number back to the questioning entity, e.g. an application server. The TCdb comprises a computer or processing means (not shown), e.g. a CPU (Central Processing Unit), micro-processor, PC (Personal Computer) etc, and connected data storage memories for storing data and software program code to be executed by said computer or data processing device. The means for receiving Capability queries, means for reading the stored database information by using the E.164 numbers, and means for sending a Capability result for each E.164 number back to the questioning entity, said means is preferably implemented as software program code to be executed by said computer or data processing device.

Please amend the paragraph beginning at page 7, line 21, as follows:

A preferred embodiment of ~~the especially interesting~~ parts of the system in figure 1 is schematically illustrated in a block diagram in figure 2. ~~Said~~ Those parts ~~are interacting for discovering~~ interact to discover the Multimedia capability during the interval from the trigger generation to the analysis of the TCdb response. The illustrated part of the system 10 comprises a

node MSC/SSP 22 (but MSC and SSP may be separated in one node each) belonging to a domain of the Mobile radio telecommunication network 14 that is visited by the calling party A. When the user makes IMSI Attach in the MSC 22 Service Area for the first time, the originating IN-category is sent to the visited MSC/SSP 22 where the user currently is roaming, either within the home network or in a foreign operator's network. The SSP sends the IN-trigger over an interface 24 to a home SCP node 26 , i.e. Service Control Point node, belonging to the Intelligent Network IN of an home domain of the calling party A. This interface 24 between the MSC/SSP 22 and the home SCP 26 can be any of the standardized IN protocol, such as CAP (CAMEL Application Part) or CS-1. The E.164 numbers of both the calling user terminal A and the called/connected user terminal B are included. The receiving home SCP 26 will forward the trigger and subscriber identifiers to the SMM-AS 16, which is integrated with the node 26.

Please amend the paragraph beginning at page 10, line 9, as follows:

A preferred embodiment ~~of the invented method~~ for automatically discovering the common Multimedia Service Capability of at least two subscribers will in the following be described with reference to figure 5, which is a flow chart illustrating a preferred embodiment of the invented method.

Please amend the paragraph beginning at page 12, line 33, as follows:

When the ~~analyze~~ analysis is ready, the SMM-AS 16 performs the step of responding to said user terminals 12,13 information regarding matching Multimedia Capability (MMCAP), if at least one matching service is found (step 106);

Please amend the paragraph beginning at page 13, line 35, as follows:

Figure 6 is a block diagram illustrating further one embodiment ~~of the part of the present invented system~~ that is discussed in connection to and illustrated in figure 2. The system in figure 6 comprises an additional database in the network storage 18. Said database is a bearer database Bdb, which is continuously updated with technical network information. The database Bdb contains at least bearer information for different networks. According to this embodiment, the capability request concerning the user terminals sent by the SMM-AS 16 to the network storage 18 will also include a request for bearer information regarding the networks in which the user terminals 12, 13 are roaming. The capability results for the terminals comprise radio bearer information concerning the networks in which the user terminals 12, 13 are roaming. When the SMM-AS 16 is analyzing the response comprising the requested Multimedia Service capabilities (step 104), the analysis will also include a check if the terminals 12, 13 are roaming in networks having the kind of radio bearer supporting simultaneous connection to packet switched and circuit switched networks. Although both terminals have matching multimedia capability, one of the terminals, or both, may be roaming in a network that is not provided with the special kind of radio bearer needed for that kind of service. In those cases, the SMM-AS 16 will not respond to said user terminals (12,13). However, if terminals 12,13 have matching multimedia capability, and both terminals are roaming in a network that is provided with the bearer needed for said kind of service, then the SMM-AS 16 will respond to both user terminals (12,13) that they have matching multimedia capability.

Please amend the paragraph beginning at page 15, line 1, as follows:

The ~~invention~~ technology also ~~relates to~~ includes a server provided in a node of the claimed system. The server comprises means for notifying the network storage (18) by sending a capability request concerning the user terminals of the calling party and the called party, when a trigger indication has been generated by the circuit switched network, means for analyzing the response comprising the requested Multimedia Service Capability and means for responding to said user terminals information regarding matching Multimedia Capability, if at least one matching service is found. implemented by means of a computer program comprising the software code means for performing the steps of the method. The claimed server comprises different means for performing different functions. Said functions is possible to implement as computer executable software being adapted to run at a computer or other processing means.